

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (Original) A double throw switch linkage for coupling two switch
2 apparatus together in an enclosure, with each switch apparatus coupled to a switch
3 mechanism having a switch mechanism lever arm, the double throw switch linkage
4 comprising:
5 an actuator plate slidably mounted to a sidewall of the enclosure with
6 fasteners through a plurality of actuator plate slots defined in the actuator plate, with
7 the actuator plate also defining a first switch slot, a second switch slot and a driver
8 arm slot, with each switch slot configured to guide a pin mounted on each switch
9 mechanism lever arm; and
10 a lever arm assembly mounted on a side wall of the enclosure, with the
11 lever arm assembly including a lever arm coupled to a driver arm, with the driver arm
12 configured to engage the driver arm slot in the actuator plate,
13 wherein movement of the lever arm translates a force to the actuator
14 plate which closes one switch apparatus and maintains the other switch apparatus in
15 an open position.
- 1 2. (Currently Amended) The double throw switch linkage of ~~claim 6~~
2 claim 1, including an interlock release mechanism configured to release a cover of the
3 enclosure if one of the switch apparatus is closed.
- 1 3. (Currently Amended) The double throw switch linkage of ~~claim 7~~
2 claim 2, wherein the interlock release mechanism includes an interlock bar coupled to
3 each of the switch apparatus.
- 1 4. (Currently Amended) The double throw switch linkage of ~~claim 6~~
2 claim 1, wherein the actuator plate is composed of two members coupled together
3 with the lever arm assembly.

1 5. (Currently Amended) The double throw switch linkage of ~~claim 6~~
2 claim 1, wherein the actuator plate is composed of a material selected from a group
3 including a metal, a plastic, a composite material, and any two of ~~such~~ the materials.

1 6. (Original) An electric double switch comprising:
2 an enclosure having at least one sidewall, a bottom wall and a cover;
3 a first switch apparatus, including a first switch mechanism having a
4 lever arm, mounted in the enclosure;
5 a second switch apparatus, , including a second switch mechanism
6 having a lever arm, mounted in the enclosure; and
7 a double throw switch linkage coupled to each of the first and second
8 switch apparatus,
9 the double throw switch linkage comprising:
10 an actuator plate slidably mounted to the sidewall of the enclosure
11 with fasteners through a plurality of actuator plate slots defined in the actuator plate,
12 with the actuator plate also defining a first switch slot, a second switch slot and a
13 driver arm slot, with each switch slot configured to guide a pin mounted on each
14 switch mechanism lever arm; and
15 a lever arm assembly mounted on a side wall of the enclosure, with the
16 lever arm assembly including a lever arm coupled to a driver arm, with the driver arm
17 configured to engage the driver arm slot in the actuator plate,
18 wherein movement of the lever arm translates a force to the actuator
19 plate which closes one switch apparatus and maintains the other switch apparatus in
20 an open position.

1 7. (Currently Amended) The double throw switch linkage of ~~claim 16~~
2 claim 6, including an interlock release mechanism configured to release a the cover of
3 the enclosure if one of the switch apparatus is closed.

1 8. (Currently Amended) The double throw switch linkage of ~~claim 17~~
2 claim 7, wherein the interlock release mechanism includes an interlock bar coupled to
3 each of the switch apparatus.

1 9. (Currently Amended) The double throw switch linkage of ~~claim 16~~
2 claim 6, wherein the actuator plate is composed of two members coupled together
3 with the lever arm assembly.

1 10. (Currently Amended) The double throw switch linkage of ~~claim 16~~
2 claim 6, wherein the actuator plate is composed of a material selected from a group
3 including a metal, a plastic, a composite material, and any two of ~~such~~ the materials.

1 11. (Original) A method for interlocking two switch apparatus mounted in
2 an enclosure, with each switch apparatus having a switch mechanism including a
3 switch mechanism lever arm and the enclosure having a cover and a sidewall, the
4 method comprising the steps of:

5 providing an actuator plate, with the actuator plate defining a first
6 switch slot, a second switch slot and a driver arm slot, with each switch slot
7 configured to guide a pin mounted on each switch mechanism lever arm;

8 mounting the actuator plate, for sliding movement, on the sidewall of
9 the enclosure;

10 aligning the pin on each switch mechanism lever arm in one of the first
11 and second switch slots in the actuator plate;

12 mounting a lever arm assembly on the sidewall of the enclosure, with
13 the lever arm assembly including a lever arm coupled to a driver arm;

14 aligning the driver arm to engage the driver arm slot in the actuator
15 plate; and

16 moving the lever arm to translate a force to the actuator plate wherein
17 one switch apparatus is closed and the other switch apparatus is maintained in an open
18 position.

1 12. (Original) The method of claim 11, including the steps of providing an
2 interlock release mechanism coupled to the cover and each of the switch apparatus,
3 wherein the cover can be opened if one of the switch apparatuses is closed.

1 13. (Currently Amended) The method of claim 11, wherein the actuator
2 plate is composed of a material selected from a group including a metal, a plastic, a
3 composite material, and any two of ~~such~~ the materials.

1 14. (Original) The method of claim 11, wherein the actuator plate is
2 composed of two members and includes the step of coupling the two actuator plate
3 members together with the lever arm assembly.